L Number	Hits	Search Text	DB	Time stamp
3	9	(US-5882137-$ or US-6343888-$ or US-5555762-$).did. or (WO-107785-$).did. or (US-6071453-$ or EP-970291-$ or EP-371834-$ or DE-19734217-$ or DE-19802475-$).did.	USPAT; EPO; DERWENT	2002/12/04 14:32
4	6	(US-3550232-$ or US-3452415-$ or US-3263311-$ or US-3036366-$ or US-2332893-$ or US-2134119-$).did.	USOCR	2002/12/04 14:32
5	0	((US-5882137-$ or US-6343888-$ or US-5555762-$).did. or (WO-107785-$).did. or (US-6071453-$ or EP-970291-$ or EP-371834-$ or DE-19734217-$ or DE-19802475-$).did.) and nitride	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 14:33
6	0	((US-5882137-$ or US-6343888-$ or US-5555762-$).did. or (WO-107785-$).did. or (US-6071453-$ or EP-970291-$ or EP-371834-$ or DE-19734217-$ or DE-19802475-$).did.) and nitride-hardened	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 14:33
7	0	nitride?harden$3 and ball and socket	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 14:34
8	19	nitride?harden$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 14:46
9	13017	nitriding	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 14:46
10	692	nitriding and (piston or (ball and socket) or ball adj joint)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 14:48
11	227	nitriding with (piston or (ball and socket) or ball adj joint)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 14:48
12	46	nitriding with (piston or (ball and socket) or ball adj joint)and nitriding.ti.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 15:06
13	3791	nitriding	USPAT	2002/12/04 15:06
14	353	nitriding and (piston or (ball and socket) or ball adj joint)	USPAT	2002/12/04 15:10
15	55	nitriding with (piston or (ball and socket) or ball adj joint)	USPAT	2002/12/04 15:12
16	30	nitriding with (piston or (ball and socket) or ball adj joint)and harden$3	USPAT	2002/12/04 15:53
17	11	("3802232" | "4905577" | "5072655" | "5114261" | "5114263" | "5253947" | "5392693" | "5490446" | "5702660" | "5724733" | "5758566").PN.	USPAT	2002/12/04 15:55
18	0	(("3802232" | "4905577" | "5072655" | "5114261" | "5114263" | "5253947" | "5392693" | "5490446" | "5702660" | "5724733" | "5758566").PN.) and nitriding	USPAT	2002/12/04 15:54
19	6	("3120816" | "3589756" | "3787128" | "4290181" | "5469776" | "5490446").PN.	USPAT	2002/12/04 16:03
20	0	(("3120816" | "3589756" | "3787128" | "4290181" | "5469776" | "5490446").PN.) and nitriding	USPAT	2002/12/04 15:55
21	12	5490446.URPN.	USPAT	2002/12/04 16:23
22	1	5490446.URPN. and nitriding	USPAT	2002/12/04 16:04
23	2467	piston and nitrid$3	USPAT	2002/12/04 16:24
24	257	piston with nitrid$3	USPAT	2002/12/04 16:24
25	9	piston with nitrid$3.ti.	USPAT	2002/12/04 16:28
26	8	piston with (nitrided or nitriding).ti.	USPAT	2002/12/04 16:30
27	8	piston .ti. with (nitrided or nitriding)	USPAT	2002/12/04 16:31
28	161	(nitrided or nitriding).ti.	USPAT	2002/12/04 16:31
29	154	(nitrided or nitriding).ti. not(ring.ti.)	USPAT	2002/12/04 16:32

30	7	(nitrided or nitriding).ti. and piston$1 not(ring.ti.)	USPAT	2002/12/04 16:40
31	5	(nitrided or nitriding).ti. and piston$1 not(ring.ti.)not rod	USPAT	2002/12/04 16:41
32	4	(nitrided or nitriding).ti. and piston$1 not(ring)not rod	USPAT	2002/12/04 16:44
33	125	(nitrided or nitriding) and piston$1 not(ring)not rod	USPAT	2002/12/04 16:45
34	10	(nitrided or nitriding) with piston$1 not(ring)not rod	USPAT	2002/12/04 16:45
35	17	("2541250" | "2980077" | "3178907" | "3187644" | "3319575" | "3633467" | "3741077" | "3828654" | "3896707" | "3915071" | "3915074" | "3984904" | "3999468" | "4216704" | "4494448" | "4760037" | "4803180").PN.	USPAT	2002/12/04 17:07
36	11	5007332.URPN.	USPAT	2002/12/04 17:09
39	709	(29/511).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 18:16
40	211	(92/57).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 18:25
41	0	(92/181).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 18:25
43	211	(92/57).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 18:25
44	332	(92/172).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 18:26
42	265	(92/181R).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 18:26
-	76	method.ti. and ball.ti. and socket.ti.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 10:17
-	10	(method.ti. and ball.ti. and socket.ti.) and (heat$3 or tempering or temperature)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 11:35
-	10	(method.ti. and ball.ti. and socket.ti.) and (heat$3 or temperature)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 11:41
-	1	(method.ti. and ball.ti. and socket.ti.) and (beading)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 11:43
-	0	107785.URPN.	USPAT	2002/12/03 11:42
-	5	"371834"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 11:43
-	1	"19734217"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 11:43
-	1	"9842949"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 11:44

-	1	"19802475"	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 11:44
-	322	(403/56).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 15:52
-	202	(403/76).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 15:52
-	369	(403/90).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 15:52
-	539	(403/122).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 15:52
-	0	(52/441.1).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 15:53
-	313	(29/441.1).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 16:23
-	5	2332893.URPN.	USPAT	2002/12/03 16:20
-	0	("6 and heat with (bend$3 or deform$3)").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 16:24
-	0	((29/441.1).CCLS.) and heat with (bend$3 or deform$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 16:25
-	253	(29/510).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 16:25
-	0	(US-3550232-A.DID. ((29/441.1).CCLS.)) and heat with (bend$3 or deform$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 16:25
-	35731	heat with (bend$3 or deform$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 16:26
-	1779	(heat with (bend$3 or deform$3)) and ball	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 16:26
-	140	(heat with (bend$3 or deform$3)) and ball and socket	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/03 16:45
-	489	403/1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 10:18
-	1	403/548	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 10:19
-	0	(403/548).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 10:21

-	229	(403/410).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 10:21
-	6	(WO-107785-$).did. or (US-6071453-$ or EP-970291-$ or EP-371834-$ or DE-19734217-$ or DE-19802475-$).did.	EPO; DERWENT	2002/12/04 10:35
-	6	(US-3550232-$ or US-3452415-$ or US-3263311-$ or US-3036366-$ or US-2332893-$ or US-2134119-$).did.	USOCR	2002/12/04 10:35
-	6	(WO-107785-$).did. or (US-6071453-$ or EP-970291-$ or EP-371834-$ or DE-19734217-$ or DE-19802475-$).did.	EPO; DERWENT	2002/12/04 10:45
-	6	(US-3550232-$ or US-3452415-$ or US-3263311-$ or US-3036366-$ or US-2332893-$ or US-2134119-$).did.	USOCR	2002/12/04 10:45
-	2	((WO-107785-$).did. or (US-6071453-$ or EP-970291-$ or EP-371834-$ or DE-19734217-$ or DE-19802475-$).did.) and heat	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 10:45
-	3	((WO-107785-$).did. or (US-6071453-$ or EP-970291-$ or EP-371834-$ or DE-19734217-$ or DE-19802475-$).did.) and heat$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:03
-	0	hot-beading	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:03
-	1	hot adj beading	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:09
-	22	beading and ball adj joint	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:13
-	6	(beading and ball adj joint) and heat$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:15
-	4	(beading and ball adj joint) and heat$3 and (bend$3 or deform$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:15
-	775	heat$3 with bend$3 with eas$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:35
-	37	heat$3 with bend$3 with eas$3 and ball	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:31
-	4	heat$3 with bend$3 with eas$3 and (ball adj joint or (ball and socket) or beading)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:34
-	1	heat$3 with bend$3 with eas$3 and (ball adj joint or beading)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:35
-	371	(heat$3 with bend$3 with eas$3) and (metal or steel)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:37
-	92	((heat$3 with bend$3 with eas$3) and (metal or steel)) and method.ti.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:39
-	20	((heat$3 with bend$3 with eas$3) and (metal or steel)) and method.ti.and bending .ti.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:39

-	20	((heat$3 with bend$3 with eas$3) and (metal or steel)) and method.ti.and bending.ti.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:45
-	104	(method and heat$3 and bend$3).ti. and (metal or steel)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:48
-	0	(method and heat$3 and bend$3).ti. and (metal or steel) and bends adj eas$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:49
-	0	(method and heat$3 and bend$3).ti. and (metal or steel) and eas$3 adj to adj bend	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:50
-	104	(method and heat$3 and bend$3).ti. and (metal or steel)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/12/04 11:50